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1600

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/674,597

DATE: 04/09/2003 <sup>86</sup>  
TIME: 09:35:21

Input Set : A:\00537-169002.TXT  
Output Set: N:\CRF4\04092003\I674597.raw

4 <110> APPLICANT: Chorev, Michael  
5 Dong, Zheng Xin  
6 Rosenblatt, Michael  
8 <120> TITLE OF INVENTION: PTH2 RECEPTOR SELECTIVE COMPOUNDS  
10 <130> FILE REFERENCE: 00537-169002  
12 <140> CURRENT APPLICATION NUMBER: US 09/674,597  
13 <141> CURRENT FILING DATE: 2000-11-02  
15 <150> PRIOR APPLICATION NUMBER: PCT/US99/09521  
16 <151> PRIOR FILING DATE: 1999-05-03  
18 <150> PRIOR APPLICATION NUMBER: US 09/072,956  
19 <151> PRIOR FILING DATE: 1998-05-05  
21 <160> NUMBER OF SEQ ID NOS: 53  
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
25 <210> SEQ ID NO: 1  
26 <211> LENGTH: 34  
27 <212> TYPE: PRT  
28 <213> ORGANISM: Homo sapiens  
30 <400> SEQUENCE: 1  
31 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn  
32 1 5 10 15  
33 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
34 20 25 30  
35 Asn Phe  
38 <210> SEQ ID NO: 2  
39 <211> LENGTH: 34  
40 <212> TYPE: PRT  
41 <213> ORGANISM: Homo sapiens  
43 <400> SEQUENCE: 2  
44 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
45 1 5 10 15  
46 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His  
47 20 25 30  
48 Thr Ala  
51 <210> SEQ ID NO: 3  
52 <211> LENGTH: 34  
53 <212> TYPE: PRT  
54 <213> ORGANISM: Artificial Sequence  
56 <220> FEATURE:  
57 <223> OTHER INFORMATION: mutagen  
W--> 59 <221> NAME/KEY: AMIDATION  
60 <222> LOCATION: 34  
W--> 62 <400> 3  
63 Ala Val Ser Glu Ile Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln

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```
64 1 5 10 15
65 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
66 20 25 30
67 Thr Ala
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 34
72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: mutagen
W--> 78 <221> NAME/KEY: MOD_RES
79 <222> LOCATION: 34
80 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
81 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
82 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 84 <400> 4
85 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
86 1 5 10 15
87 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
88 20 25 30
89 Asn Phe
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 35
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: mutagen
W--> 100 <221> NAME/KEY: MOD_RES
101 <222> LOCATION: 35
102 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
103 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
104 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 106 <400> 5
107 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
108 1 5 10 15
109 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
110 20 25 30
111 Asn Phe Val
112 35
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 36
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: mutagen
W--> 122 <221> NAME/KEY: MOD_RES
123 <222> LOCATION: 36
124 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
125 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
```

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126 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 128 <400> 6

129 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn  
130 1 5 10 15  
131 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
132 20 25 30  
133 Asn Phe Val Ala  
134 35  
136 <210> SEQ ID NO: 7  
137 <211> LENGTH: 37  
138 <212> TYPE: PRT  
139 <213> ORGANISM: Artificial Sequence  
141 <220> FEATURE:  
142 <223> OTHER INFORMATION: mutagen

W--> 144 <221> NAME/KEY: MOD\_RES  
145 <222> LOCATION: 37  
146 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,  
147 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a  
148 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 150 <400> 7

151 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn  
152 1 5 10 15  
153 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
154 20 25 30  
155 Asn Phe Val Ala Leu  
156 35  
158 <210> SEQ ID NO: 8  
159 <211> LENGTH: 38  
160 <212> TYPE: PRT  
161 <213> ORGANISM: Artificial Sequence  
163 <220> FEATURE:  
164 <223> OTHER INFORMATION: mutagen

W--> 166 <221> NAME/KEY: MOD\_RES  
167 <222> LOCATION: 38  
168 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,  
169 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a  
170 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 172 <400> 8

173 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn  
174 1 5 10 15  
175 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
176 20 25 30  
177 Asn Phe Val Ala Leu Gly  
178 35  
180 <210> SEQ ID NO: 9  
181 <211> LENGTH: 34  
182 <212> TYPE: PRT  
183 <213> ORGANISM: Artificial Sequence  
185 <220> FEATURE:

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186 <223> OTHER INFORMATION: mutagen

W--> 188 <221> NAME/KEY: MOD\_RES

189 <222> LOCATION: 34

190 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,

191 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

192 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 194 <400> 9

195	Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
196	1				5					10					15	
197	Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
198				20					25					30		
199	Thr	Ala														

202 <210> SEQ ID NO: 10

203 <211> LENGTH: 35

204 <212> TYPE: PRT

205 <213> ORGANISM: Artificial Sequence

207 <220> FEATURE:

208 <223> OTHER INFORMATION: mutagen

W--> 210 <221> NAME/KEY: MOD\_RES

211 <222> LOCATION: 35

212 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,

213 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

214 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 216 <400> 10

217	Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
218	1				5					10					15	
219	Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
220				20					25					30		
221	Thr	Ala	Glu													
222				35												

224 <210> SEQ ID NO: 11

225 <211> LENGTH: 36

226 <212> TYPE: PRT

227 <213> ORGANISM: Artificial Sequence

229 <220> FEATURE:

230 <223> OTHER INFORMATION: mutagen

W--> 232 <221> NAME/KEY: MOD\_RES

233 <222> LOCATION: 36

234 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,

235 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

236 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 238 <400> 11

239	Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
240	1				5					10					15	
241	Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
242				20					25					30		
243	Thr	Ala	Glu	Ile												
244				35												

246 <210> SEQ ID NO: 12

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247 <211> LENGTH: 37  
248 <212> TYPE: PRT  
249 <213> ORGANISM: Artificial Sequence  
251 <220> FEATURE:  
252 <223> OTHER INFORMATION: mutagen  
W--> 254 <221> NAME/KEY: MOD\_RES  
255 <222> LOCATION: 37  
256 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,  
257 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a  
258 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2  
W--> 260 <400> 12  
261 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
262 1 5 10 15  
263 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His  
264 20 25 30  
265 Thr Ala Glu Ile Arg  
266 35  
268 <210> SEQ ID NO: 13  
269 <211> LENGTH: 38  
270 <212> TYPE: PRT  
271 <213> ORGANISM: Artificial Sequence  
273 <220> FEATURE:  
274 <223> OTHER INFORMATION: mutagen  
W--> 276 <221> NAME/KEY: MOD\_RES  
277 <222> LOCATION: 38  
278 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,  
279 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a  
280 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2  
W--> 282 <400> 13  
283 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
284 1 5 10 15  
285 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His  
286 20 25 30  
287 Thr Ala Glu Ile Arg Ala  
288 35  
290 <210> SEQ ID NO: 14  
291 <211> LENGTH: 36  
292 <212> TYPE: PRT  
293 <213> ORGANISM: Artificial Sequence  
295 <220> FEATURE:  
296 <223> OTHER INFORMATION: mutagen  
298 <400> SEQUENCE: 14  
299 Ala Val Ser Glu Ile Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
300 1 5 10 15  
301 Asp Leu Arg Arg Arg Phe Trp Leu His His Leu Ile Ala Glu Ile His  
302 20 25 30  
303 Thr Ala Glu Ile  
304 35  
306 <210> SEQ ID NO: 15

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/674,597

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Input Set : A:\00537-169002.TXT  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:16; Xaa Pos. 7,10,17  
Seq#:17; Xaa Pos. 8,18,34  
Seq#:19; Xaa Pos. 7,10  
Seq#:20; Xaa Pos. 7,10  
Seq#:22; Xaa Pos. 7,10  
Seq#:23; Xaa Pos. 17  
Seq#:25; Xaa Pos. 7,11  
Seq#:26; Xaa Pos. 7,11  
Seq#:27; Xaa Pos. 7,17  
Seq#:28; Xaa Pos. 7,17  
Seq#:29; Xaa Pos. 8,17  
Seq#:30; Xaa Pos. 8,17  
Seq#:31; Xaa Pos. 8,17  
Seq#:32; Xaa Pos. 8,17  
Seq#:33; Xaa Pos. 8,17  
Seq#:34; Xaa Pos. 8,17  
Seq#:35; Xaa Pos. 8,17  
Seq#:36; Xaa Pos. 8,17  
Seq#:37; Xaa Pos. 8,17  
Seq#:38; Xaa Pos. 8,18  
Seq#:39; Xaa Pos. 8,18  
Seq#:40; Xaa Pos. 8,18  
Seq#:41; Xaa Pos. 8,18  
Seq#:42; Xaa Pos. 6,7,10,17  
Seq#:43; Xaa Pos. 7,10,17  
Seq#:44; Xaa Pos. 7,8,10,17  
Seq#:45; Xaa Pos. 7,8  
Seq#:46; Xaa Pos. 7,11

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Input Set : A:\00537-169002.TXT

Output Set: N:\CRF4\04092003\I674597.raw

L:59 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:62 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:78 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:84 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:100 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:106 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5  
L:122 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:128 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:144 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:150 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:166 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:188 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:194 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
L:210 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:216 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:232 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:238 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
L:254 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:260 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:276 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:282 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13  
L:330 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:334 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16  
L:338 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16  
L:341 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16  
L:342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
M:341 Repeated in SeqNo=16  
L:357 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:361 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17  
L:365 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17  
L:368 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17  
L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
M:341 Repeated in SeqNo=17  
L:384 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:387 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:403 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:407 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
L:410 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:426 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:430 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:433 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:447 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:450 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21  
L:464 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:468 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22

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Input Set : A:\00537-169002.TXT

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L:471 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22  
L:472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:485 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:489 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23  
L:492 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23  
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:16  
L:508 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:511 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:527 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:531 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25  
L:534 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25  
L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:550 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:554 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:557 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:573 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:577 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27  
L:580 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27  
L:581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
M:341 Repeated in SeqNo=27  
L:596 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:600 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:603 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
M:341 Repeated in SeqNo=28  
L:619 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:623 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29  
L:626 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29  
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0  
M:341 Repeated in SeqNo=29  
L:642 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:646 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:649 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
M:341 Repeated in SeqNo=30  
L:665 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:669 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31  
L:672 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31  
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
M:341 Repeated in SeqNo=31  
L:688 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:692 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32  
L:695 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32  
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
M:341 Repeated in SeqNo=32  
L:711 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:715 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33  
L:718 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33



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L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
M:341 Repeated in SeqNo=33  
L:734 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:738 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34  
L:741 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34  
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
M:341 Repeated in SeqNo=34  
L:757 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:761 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35  
L:764 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35  
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0  
M:341 Repeated in SeqNo=35  
L:780 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0  
M:341 Repeated in SeqNo=36  
L:803 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
M:341 Repeated in SeqNo=37  
L:826 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0  
M:341 Repeated in SeqNo=38  
L:849 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0  
M:341 Repeated in SeqNo=39  
L:872 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
M:341 Repeated in SeqNo=40  
L:895 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0  
M:341 Repeated in SeqNo=41  
L:918 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
M:341 Repeated in SeqNo=42  
L:945 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
M:341 Repeated in SeqNo=43  
L:972 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
M:341 Repeated in SeqNo=44  
L:999 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
L:1020 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0  
L:1041 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1060 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1079 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1098 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1117 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1136 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/674,597

DATE: 04/09/2003

TIME: 09:35:22

Input Set : A:\00537-169002.TXT

Output Set: N:\CRF4\04092003\I674597.raw

L:1155 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!